

Summary

The invention relates to a technique for adjusting the valve timing of an internal combustion engine with at least one cam shaft and cam lobes displaced at the rotational angle to one another, which under the interposition of cam following element, such as, for example, bucket tappets, etc., work together with intake or exhaust valves as well as the camshaft actuator present on the camshaft, through which the position and/or attitude of rotation of the camshaft to the crankshaft can be changed. It is proposed that

- a.) to decrease the valve opening time, the camshaft be adjusted toward “late” during a valve stroke, while the camshaft is adjusted toward “early” during the immediately subsequent base circle phase of the affected camshaft or,
- b.) to increase the valve opening time the camshaft be adjusted toward “early” during a valve stroke, while the camshaft is adjusted toward “late” during the immediately subsequent base circle phase of the affected camshaft

Through the inventive procedure, the adjustment of the angular attitude of the camshaft as well as an influence on the valve stroke curve can be implemented.

(Figure)